TRLIFAJOVA, Jarmila

Cultivation of vaccinia viruses in tissue cultures of whole mouse embryos. Cesk.epidem.mikrob.imun.10 no.1:7-10 Ja '61.

1. Ustav epidemiologie a mikrobiologie v Praze.
(VACCINIA:virol)

TRLIFAJOVA,J.

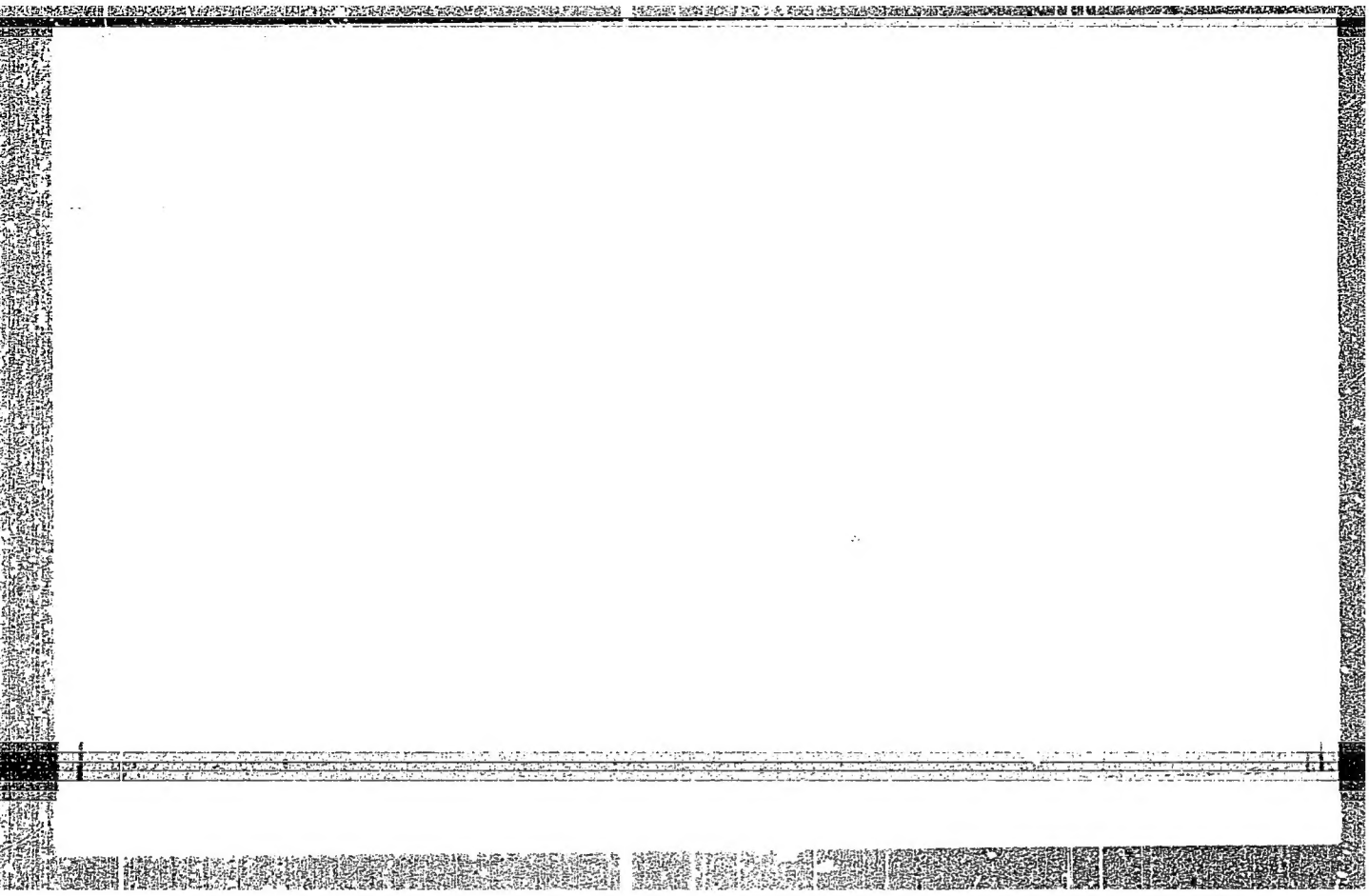
Cultivation of herpes virus in tissue cultures containing whole mouse embryos. Cesk. epidem. mikrob. imun. 9 no.4:252-255 Je '60.

1. Ustav epidemiologie a mikrobiologie v Praze.
(HERPES virol.)
(TISSUE CULTURE)

TRLIFAJOVA, J., MUDr.; RAMPAS, J., RNDr.

First results with aldolase test; preliminary communication.
Cas. lek. cesk. 95 no. 10:267-270 9 Mar 56.

1. Ustav epidemie a mikrobiologie, Praha, reditel prof. Dr K. Raska doc. Dr V. Kredba, Inf. odd. nemocnice na Bulovce, Praha
(HEPATITIS, INFECTIOUS, diagnosis
aldolase test (Cz)
(DESMOLASES,
aldolase test in diag. of infect. hepatitis (Cz)



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756620011-2"

JANDA, Vladimir; BRYCHNAC, Vaclav. TRLIFAJOVA, Jarmila

The aldolase test in myopathies. Cesk.pediat. 15 no.9:818-821 S '60.

1. Neurologicka klinika LFHKU v Praze 12, prednosta prof. dr. J.Sebek, detsko-Kojenecka klinika LFHKU, prednosta prof. dr. J.Clzkova-Pisarovicova, Ustav mikrobiologie a epidemiologie v Praze 12, reditel prof. dr. K.Raska.
(MUSCLES dis.)
(ALDOLASE blood)

TRLIFAY, L.

Replacement of a lattice block near the reflector. Atom. energ. 12 no.4:292-299 Ap '62. (MIRA 15:3)

1. Institut yadernykh issledovaniy Chekhoslovatskoy Akademii nauk, Praga.

(Nuclear reactions)
(Lattice theory)

27402
S/089/61/011/003/003/013
B102/B138

26.2244

AUTHOR: Trlifay, L.

TITLE: Plane boundary problem for two-dimensional quadratic lattices

PERIODICAL: Atomnaya energiya, v. 11, no. 3, 1961, 221-229

TEXT: A theoretical study has been made of the thermal neutron density distribution at the lump surface of a simplified model of a heterogeneous reactor. Two semi-infinite two-dimensional quadratic lattices separated by a plane are considered; the blocks are assumed to be infinitely long cylinders. Proceeding from formulas for the thermal neutron density distribution in heterogeneous reactors (by A. D. Galanin, S. M. Feynberg,

$$(1+p_0)N(ka)=\sum_{k'=-\infty}^{-1}H_0(|k-k'|a)N(k'a)+\sum_{k'=0}^{\infty}H_1(|k-k'|a)\ \text{для}\ k<0; \quad (1a)$$

$$(1+p_1)N(ka)=\sum_{k'=-\infty}^{-1}H_0(|k-k'|a)N(k'a)+\sum_{k'=0}^{\infty}H_1(|k-k'|a)N(k'a)\ \text{для}\ k>0, \quad (1б)$$

27402
S/089/61/011/003/003/013
B102/B138

Plane boundary problem for ...

$$H_j(|k|a) =$$

$$= \frac{a}{2L\eta_{0j}}\left[\eta_j \exp\left(\frac{\tau}{L^2}\right) - 1\right] \exp\left(-\frac{|k|a}{L}\right) -$$

$$- \frac{a}{2\sqrt{\pi} L\eta_{0j}} \eta_j \exp\left(\frac{\tau}{L^2}\right) \int_0^{\frac{\tau}{L^2}} \times$$

$$\times \frac{dx}{\sqrt{x}} \exp\left(-x - \frac{k^2a^2}{4L^2x}\right) \qquad (2a)$$

$$p_j = \frac{q_{1j}}{q_{0j}} - \frac{a^2}{12L^2q_{0j}}$$

and after separation: $N(ka) = A_0(ka) + n_0(ka)$ for $k < 0$

$N(ka) = A_1(ka) + n_1(ka)$ for $k \geq 0$, one obtains

Card 2/6

Plane boundary problem for ...

$$(1+p_0)\,n_0(ka)=\sum_{k'=-\infty}^{-1}H_0(|k-k'|a)\,n_0(k'a)+\sum_{k'=0}^{\infty}H_1(|k-k'|a)\,n_1(k'a)+\sum_{k'=0}^{\infty}[H_1(|k-k'|a)\,\Lambda_1(k'a)-H_0(|k-k'|a)\,\Lambda_0(k'a)]; \quad (5a)$$

$$(1+p_1)\,n_1(ka)=\sum_{k'=-\infty}^{-1}H_0(|k-k'|a)\,n_0(k'a)+\sum_{k'=0}^{\infty}H_1(|k-k'|a)\,n_1(k'a)+\sum_{k'=-\infty}^{-1}[H_0(|k-k'|a)\,\Lambda_0(k'a)-H_1(|k-k'|a)\,\Lambda_1(k'a)]. \quad (5b)$$

In this form, the problem can be solved by introducing the complex variable $s = \exp(ia\omega)$ using Riemann's boundary problem. In several cases, the solutions are sought for the series

$$\Phi^{+}(s)=\sum_{k=0}^{\infty}s^k\,n_1(ka);$$

$$\Phi^{-}(s)=\sum_{k=-\infty}^{-1}s^k n_0(ka). \quad (6)$$

Card 3/6

Plane boundary problem for ...

(a) Media 0 and 1 are both active:

$$\Phi^+(s)=\frac{X^+(s)}{s^2-\left(z_1+\frac{1}{z_1}\right)s+1}[\Psi^+(s)+P_1(s)];$$

$$\Phi^-(s)=\frac{X^-(s)}{s^2-\left(z_0+\frac{1}{z_0}\right)s+1}[\Psi^-(s)+P_1(s)], \qquad (14a)$$

$X^{\pm}(s)=\exp(\Gamma^{\pm}(s))$, где $\Gamma^{\pm}(s)=$

$$=\pm\frac{1}{2}\ln G(s)+\frac{1}{2\pi i}\int_K\frac{\ln G(t)}{t-s}\,dt; \qquad (14b)$$

$$\Psi^{\pm}(s)=\pm\frac{1}{2}\left[s^2-\left(z_1+\frac{1}{z_1}\right)s+1\right]\frac{g(s)}{X^+(s)}+$$

$$+\frac{1}{2\pi i}\int_K\left[t^2-\left(z_1+\frac{1}{z_1}\right)t+1\right]\frac{g(t)}{X^+(t)}\frac{dt}{t-s}.$$

(b) medium 0 is inactive, while medium 1 is active:

$$\Phi^+(s)=\frac{X^+(s)[\Psi^+(s)+C]}{s^2-\left(z_1+\frac{1}{z_1}\right)s+1}$$

$$\text{и}\quad \Phi^-(s)=X^-(s)[\Psi^-(s)+C], \qquad (25a)$$

Card 4/6

Plane boundary problem for ...

(c) media 0 and 1 are both inactive:

$$X^+(s)=\exp[\Gamma^+(s)],\quad X^-(s)=s^{-1}\exp[\Gamma^-(s)],$$
$$\Gamma^\pm(s)=\pm\frac{1}{2}\ln[s^{-1}G(s)]+\frac{1}{2\pi i}\int_K\frac{\ln[t^{-1}G(t)]}{t-s}\,dt;$$

$$\Psi^\pm(s)=\pm\frac{1}{2}\left[s^2-\left(z_1+\frac{1}{z_1}\right)s+1\right]\frac{g(s)}{X^+(s)}+$$
$$+\frac{1}{2\pi i}\int_K dt\left[t^2-\left(z_1+\frac{1}{z_1}\right)t+1\right]\frac{g(t)}{X^+(t)}\frac{1}{t-s}. \qquad (25б)$$

$$\Phi^\pm(s)=X^\pm(s)\left[\pm\frac{1}{2}\frac{g(s)}{X^+(s)}+\frac{1}{2\pi i}\int_K\frac{g(t)}{X^+(t)}\frac{dt}{t-s}\right], \qquad (30а)$$

$$X^\pm(s)=\exp(\Gamma^\pm(s)),$$
$$\Gamma^\pm(s)=\pm\frac{1}{2}\ln G(s)+\frac{1}{2\pi i}\int dt\frac{\ln G(t)}{t-s}. \qquad (30б)$$

(d) reflected reactor (infinite reflector):

$$N(ka)=A(ka)+\frac{1}{2\pi i}\int_K ds\,s^{-k-1}\,\frac{\tilde{\Phi}^+(s)-\tilde{\Phi}^-(s)}{F(s)}$$

The most important physical result obtained is that the asymptotic density and its derivative are continuous if the lattice is appropriately homogenized. This is the case if

Card 5/6

Plane boundary problem for ...

$$\left.\begin{aligned}
&(1+p_0)\cos\frac{\varkappa_0 a}{2}A_0\left(-\frac{a}{2}\right)=\\
&=(1+p_1)\cos\frac{\varkappa_1 a}{2}A_1\left(-\frac{a}{2}\right);\\
&\frac{(1+p_0)}{\varkappa_0}\sin\frac{\varkappa_0 a}{2}A_0'\left(-\frac{a}{2}\right)=\\
&=\frac{1+p_1}{\varkappa_1}\sin\frac{\varkappa_1 a}{2}A_1'\left(-\frac{a}{2}\right).
\end{aligned}\right\} \quad (22)$$

is satisfied. I. Marek is thanked for a discussion of mathematical problems. There are 5 Soviet references.

ASSOCIATION: Institut yadernykh issledovaniy ChSAN, Praga (Institute of Nuclear Research of ChSAN Prague)

SUBMITTED: February 28, 1961

Card 6/6

35495
S/089/62/012/004/003/014
B102/B104

26 2221

AUTHOR: Trlifay, L.

TITLE: Replacement of a lattice block near the reflector

PERIODICAL: Atomnaya energiya, v. 12, no. 4, 1962, 292-299

TEXT: A theory is developed which describes the replacement of a lump near the interface of core and reflector by another lump with other physical properties. The lattice is assumed to be semi-infinite, two-dimensional and quadratic, the lumps are assumed as infinitely long, thin cylinders, the reflector is also semi-infinite. It is shown that the problem can be led over into a Rieman problem in the complex plane of numbers which can be solved in a closed manner. No special assumptions are made concerning neutron diffusion and moderation. The thermal-neutron density distribution at the lump surface is given by

$$N(\mathbf{k}a)=\sum_{k_1'=0}^{\infty}\sum_{k_2'=-\infty}^{\infty}H_0(|\mathbf{k}-\mathbf{k}'|a)N(\mathbf{k}'a)+ \qquad (1).$$
$$+N_1h(|\mathbf{k}-\mathbf{l}|a),$$

Card 1/4

Replacement of a lattice ...

Eq. (1) is solved by dividing $N(\vec{ka})$ into three components: $N(\vec{ka}) = A_1(k_1 a) + G(\vec{ka}) + n(\vec{ka})$, where

$$G(\mathbf{k}a) = \sum_{h_1'=-\infty}^{\infty} \sum_{h_2'=-\infty}^{\infty} H_0(|\mathbf{k}-\mathbf{k}'|a) G(\mathbf{k}'a) \quad (6),$$

$$A(k_1 a) = \sum_{k_1'=0}^{\infty} \sum_{h_2'=-\infty}^{\infty} H_0(|\mathbf{k}-\mathbf{k}'|a) A(k_1' a), \quad (7),$$

$$n(\mathbf{k}a) = \sum_{k_1'=0}^{\infty} \sum_{h_2'=-\infty}^{\infty} H_0(|\mathbf{k}-\mathbf{k}'|a) n(\mathbf{k}'a) + N_1 h(|\mathbf{k}-\mathbf{l}|a) - p(\mathbf{k}a), \quad (8),$$

где

$$p(\mathbf{k}a) = \sum_{h_1'=-\infty}^{-1} \sum_{h_2'=-\infty}^{\infty} H_0(|\mathbf{k}-\mathbf{k}'|a) G(\mathbf{k}'a) \quad (9).$$

Eqs. (6), (7), and (8) are solved separately. If $w_1^{k_1}(s_2)s_2^{k_2}$ is a particular

Card 2/4

Replacement of a lattice ...

solution of (6),

$$G(\vec{k}a) = \frac{1}{2\pi i}\int_{K_2}\frac{ds_2}{s_2}\,s_2^{k_2}\left[w_1^{k_1}(s_2)u(s_2) + w_1^{-k_1}(s_2)v(s_2)\right] \qquad (13),$$

will be the general solution. The solution of (7) is obtained in the general form

$$A(k_1a) = \frac{1}{2}(d_1 - id_2)\,w_1^{k_1} + \frac{1}{2}(d_1 + id_2)\,w_1^{-k_1} + m(k_1a), \qquad (42),$$

with

$$m(k_1a) = \frac{1}{2\pi i}\int_{K_1}\frac{ds_1}{s_1}\,s_1^{k_1+1}\,\frac{S(s_1) - dY^*(s_1)}{1 - F_0(s_1, 1)}, \qquad (52);$$

$w_1^{\pm}$ are the solutions of $F_0(w_1^{\pm}, 1) = 1$. For Eq. (8),

$$n(ka) = -\frac{1}{2\pi i}\int_{K_2}\frac{ds_2}{s_2}\,s_2^{\kappa_2}\,\frac{1}{2\pi i}\times\int_{K_1}\frac{ds_1}{s_1}\,s_1^{\kappa_1+1}\Phi^-(s_1, s_2), \qquad (24)$$

Card 3/4

Replacement of a lattice ...

is obtained, with

$$\Phi^-(s_1, s_2) = \frac{Y^+(s_1, s_2)}{1 - F_0(s_1, s_2)} \left[\frac{1}{2\pi i} \int_{K_1^-} \frac{ds_1'}{s_1' - s_1} \times \right.$$
$$\times \frac{s_1'^{-l_1-1} F(s_1', s_2) N_l + S(s_1', s_2)}{Y^+(s_1', s_2)} -$$
$$\left. - \frac{1}{2\pi i} \int_{K_1} \frac{ds_1'}{s_1' - w_1^{-1}(s_2)} \frac{s_1'^{-l_1-1} F(s_1', s_2) N_l - S(s_1', s_2)}{Y^+(s_1', s_2)} \right] \quad (30).$$

The definition equations needed for an application of this mathematical skeleton are rather voluminous. Thus, simplifications would be necessary for concrete calculations. There are 1 figure and 4 Soviet references.

ASSOCIATION: Institut yadernykh issledovaniy ChSAN, Praga (Institute of Nuclear Sciences of the Czechoslovak AS, Prague)

SUBMITTED: July 18, 1961

Card 4/4

TRLIFAY, L.

Plane boundary value problem for two-dimensional square lattices.
Atom. energ. 11 no.3:221-229 S '61. (MIRA 14:9)

1. Institut yadernykh issledovaniy Chekhoslovatskoy Akademii nauk, Praga.

(Boundary value problems) (Neutrons)

S/089/60/009/006/003/011
B102/B212

26.2241

AUTHORS: Chermak, Y., Trlifay, L.

TITLE: Influence of a partly inserted absorbing rod on the distribution of the neutron-flux density

PERIODICAL: Atomnaya energiya, v. 9, no. 6, 1960, 470-476

TEXT: The authors have developed a method of calculating the effectiveness of a cylindrical absorbing rod partly inserted in a non-reflected reactor. This method makes it possible to estimate relatively easily the disturbance of the neutron-flux density, which appears near the rod. A cylindrical, homogeneous reactor of height H and radius R is considered here. In it, a control rod may be moved in a hole of radius a (see Fig.1); the insertion depth of the rod is h $(-H/2 \leq h \leq H/2)$; the remainder of the hole is empty or filled with the material that is also in the reactor. The authors used the one-group approximation. The neutron-flux density $\varphi = \varphi(r,z)$ and the geometrical buckling B^2 are connected by the relation $\Delta\varphi + B^2\varphi = 0$. The neutron-flux density at the outer (extrapolated) boundary of the reactor is given by $\varphi(R,z) = \varphi(r, \pm H/2) = 0$ and that at

Card 1/2

Influence of a partly...

the inner one (r=a) is given by $\partial\varphi/\partial n = K\varphi$, where K denotes a linear operator characterizing the degree of filling of the hole (empty; filled with absorbing matter; filled with reactor material). The last-mentioned relation is given as follows if the extrapolated length λ is introduced: $\partial\varphi/\partial n = K\varphi = -\varphi/\lambda$. If the hole is filled with reactor material, it follows for $R \gg a$ that $K = \frac{1}{2}\left(\frac{2.405}{R}\right)a\varphi$; and if it is filled partly with absorbing matter and partly empty, $K\varphi = \begin{cases} -\delta\varphi & \text{for } -H/2 \leq z \leq h \\ -\gamma\varphi & \text{for } h < z \leq H/2 \end{cases}$, where δ and γ denote the reciprocal values of the extrapolated length for an empty hole and a hole filled with absorbing matter, respectively. The minimum eigenvalue of B^2 and the corresponding flux-density distribution $\varphi(r,z)$ are calculated by applying the above conditions. In the interval $-H/2 \leq z \leq H/2$, $\varphi(r,z)$ is expanded in a Fourier series

$$\varphi(r,z) = \sum_{k=1}^{\infty} \varphi_k(r) g_k(z), \text{ where } g_k(z) = \begin{cases} \cos a_k z & \text{for odd } k \\ \sin a_k z & \text{for even } k \end{cases} \quad (\alpha_k = k\pi/H)$$

Using

$$Z_h(r, B^2) = J_0\left(\sqrt{B^2 - a_k^2}\, r\right) Y_0\left(\sqrt{B^2 - a_k^2}\, R\right) - Y_0\left(\sqrt{B^2 - a_k^2}\, r\right) J_0\left(\sqrt{B^2 - a_k^2}\, R\right)$$

Card 2/4

Influence of a partly...

the cylindrical function Z_k is determined, and the authors set $\varphi_k(r) = \frac{Z_k(r,B^2)}{Z_k(a,B^2)}$. Now, the condition $\partial\varphi/\partial n = K\varphi$ has to be satisfied. This is done by

$$-\frac{H}{2}\frac{Z_k'(a,B^2)}{Z_k(a,B^2)}\varphi_k = \sum_{l=1}^{\infty} K_{kl}\varphi_l \quad (k = 1, 2, \ldots), \quad (8)$$

$$Z_k'(a,B^2) = \frac{\partial}{\partial r} Z_k(r,B^2)|_{r=a},$$

where K_{kl} denote the matrix elements of K. Thus, this problem is reduced to solving (8). The eigenvalue of B^2 and the corresponding eigenvector φ_k can be found. The following expression is obtained for the matrix elements K_{kl}:

$$-K_{kl} = \delta \int_{-\frac{H}{2}}^{h} dz g_k(z) g_l(z) + \gamma \int_{h}^{\frac{H}{2}} dz g_k(z) g_l(z). \quad (9)$$

Card 3/7

Influence of a partly...

From the equations $Z_1'(a,B^2) = Z_1(a,B^2)$ $(h = -H/2)$ (10)

and $Z_1'(a,B^2) = Z_1(a,B^2)$ $(h = H/2)$ (11)

the minimum eigenvalue of B^2 is determined. (10) is valid for a completely inserted control rod and (11) for an empty hole. In both cases, the flux-density distribution is given by $Z_1(r,B^2)\cos \alpha_1 Z$ up to a constant factor.

For practical calculations, one may set $\varphi_k = 0$ for $k > N$, and (8) may be substituted by the finite system of homogeneous equations

$\frac{H}{2}\frac{Z'_k}{Z_k}\varphi_k = \sum_{l=1}^{N} K_{kl}\varphi_l$ $(k = 1,2...N)$. The calculations are done for such a practical case. The following assumptions are made: R = 215 cm, H=415cm, a = 2.5 cm, $\delta = 1.726\cdot10^{-4}\,cm^{-1}$, $\gamma = 1.1629\ cm^{-1}$ for the following three insertion depths: h = H/4, h = 0, h = -H/4. The following results have been obtained (non-reflected reactor): $B^2 = 0.1824\cdot10^{-3}cm^{-2}$ ($B^2_{min} \simeq 0.1824\cdot10^{-3}cm^{-2}$; $B^2_{max} \simeq 0.2244\cdot10^{-3}cm^{-2}$). The numerical values for

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φ_k at h=0 are shown in Table 1, those for h = H/4 in Table 2, and those for H = -H/4 in Table 3. The authors thank R. Zezul, Y. Svatosh, and M. Prazhskaya for the numerical calculations, which have partly been done on the electronic computer БЭСМ (BESM) in the Vychislitel'nyy tsentr AN SSSR (Computer Center AS USSR). There are 6 figures, 3 tables, and 2 non-Soviet-bloc references.

ASSOCIATION: Institut yadernykh issledovaniy ChSAN, Praga (Institute of Nuclear Research of the Czechoslovakian AS, Prague)

SUBMITTED: March 4, 1960

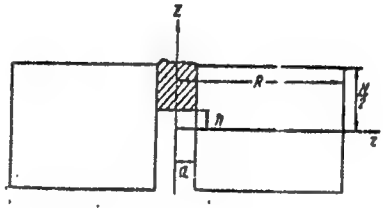


Fig. 1

TRISKA, J., inz.

"Electric networks, mechanical calculation" by M.Bercovici, A.Arie. Reviewed by Triska. Elektrotechnik 19 no.5:159 My '64.

Trlifay, L.

AUTHOR: TRLIFAY,L. (Institute for Nuclear Physics,Prague) PA - 2304
TITLE: The Variation Method of Homogenization of a Heterogeneous Medium. (Variatsionnyy metod gomogenizatsii geterogennoy sredy,Russian).
PERIODICAL: Atomnaia Energiia, 1957, Vol 2, Nr 3, pp 231 - 239 (U.S.S.R.)
Received: 4 / 1957 Reviewed: 5 / 1957

ABSTRACT: Here it is assumed that this heterogeneous medium consists of infinite plane plates of two different media 1 and 2 with the thickness α_1 and α_2 respectively ($\alpha = \alpha_1 + \alpha_2$). The x,y plane parallel plates are assumed to be lying alternatingly one on top of the other. Scattering of the neutrons in the media 1 and 2 is assumed to be isotropic and both media are not assumed to contain fissionable matter.

There now follows the summary given by the author:
Homogenization of the heterogeneous medium here takes place by means of the solution of a variation problem. This solution corresponds to the kinetic equation of the diffusion of monoenergetic neutrons. The values of the constant of the homogenization of a heterogeneous medium in the general case depends upon the reciprocal orientation of the current density of the neutrons and the anisitropy of the heterogeneous medium. If the values of the thickness of the layers of the heterogeneous medium tend towards zero, the values of the constants of homogenization does not depend upon reciprocal orientation of the density of the neutron

Card 1/2

The Variation Method of Homogenization of a Heterogeneous Medium.

flux and the anisotropy of the homogeneous medium; in this case they are equal to the constants of the corresponding homogeneous mixture. This conclusion is in contradiction to the conclusion drawn by B.I.SPINRAD, J. of Appl.Phys., 26, 548 (1955). The author, however, consideres his results to be more correct because, in contradiction to those obtained by SPINRAD, he obtained them by means of the transport theory.

The present work is of a purely mathematical character, the computations are discussed step by step. (1 illustration)

ASSOCIATION: Not given.
PRESENTED BY:
SUBMITTED: 29.9.1956
AVAILABLE/ Library of Congress.

Card 2/2

TRLIFAY, L.

Two-group plane boundary conditions for square lattices. Atom. energ. 12 no.6:519-522 Je '62. (MIRA 15:6)

1. Institut yadernykh issledovaniy, Chekhoslovatskaya Akademiya nauk, Praga.

(Nuclear reactors)

Z/055/62/012/009/001/003
I046/I246

AUTHOR Trlifaj L.

TITLE Partially inserted block in square lattice

PERIODICAL Chekhoslovatskiy fizicheskiy zhurnal, v 12, no 9, 1962, 653–659

TEXT The paper gives a theory of the partially inserted block (control rod) in a reactor of finite height consisting of a square lattice of fuel blocks and a moderator. The partially inserted block replaces the block of the original lattice which was located in the axis of cylindrical symmetry of the reactor The results obtained for this heterogeneous medium agree with those of Čermák and Trlifaj (Ref. 1: Atomnaya energiya 9 (1960). 470) for a homogeneous medium, and are thereby justified for homogeneized reactors

ASSOCIATION Institut yadernykh issledovaniy ChSAN, Rzhezh u Pragi (Institute of Nuclear Research Czechoslovak AS , Rzhezh near Prague)

SUBMITTED January 16, 1962

Card 1/1

TRLUFOVA, L. V.

"Data on the Anatomy of the Roots and the Area Surrounding the Roots of the Lungs (Anatomic-Topographic Investigation)." Cand Med Sci, Saratov Medical Inst, Saratov, 1954. (RZhBiol, No 8, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

TRMAL, Jan

Experience in planning the repair of machinery and equipment.
Podn org 17 no.9:407-409 S'63

1. Kovotechna, Praha.

ZAJIC,F.; TRMINEK,J.

Differential optical manometer and its use. Cesk. fysiol. 13 no.2:170-174 Ja'64

1. Ustav pro choroby obehu krevniho, Praha.

*

SITAJ, S.; ZITNAN, D.; TRNAVSKA, Z.; VALSIK, J.

Study on familial outbreaks of alkaptonuria and articular chondrocalcinosis. Bratisl. Lek. Listy 42 no.3:129-135 '62.

1. Z Vyskumneho ustavu reumatickych chorob v Piestanoch, veduci doc. MUDr. S. Sitaj, a z Katedry antropologie a genetiky Prirodovedeckej fakulty Univerzity Komenskeho, veduci prof. J. Valsik.
(ALKAPTONURIA) (JOINT DISEASES) (CARTILAGE)
(CALCINOSIS)

ROSMUS, J.; DEYL, Z.; TRNAVSKY, K.; TRNAVSKA, Z.

Experimental lathyrism. Cesk. fysiol. 14 no.1:14-32 Ja '65

1. Ustredni vyzkumny ustav potravinarskeho prumyslu, Praha, a Vyzkumny ustav chorob revmatickych, vyssnute pracoviisko, Piestany.

L 2051-66 EWT(1)/EWA(b)-2 RO
ACCESSION NR: AP5027367 CZ/0053/65/000/001/0014/0032

AUTHOR: Rosmus, J.; Deyl, Z.; Trnavsky, K.; Trnavska, Z.

TITLE: Experimental lathyrism

SOURCE: Ceskoslovenska fysiologie, no. 1, 1965, 14-32

TOPIC TAGS: botany, toxicology, experiment animal, biochemistry

Abstract: Lathyrism is an intoxication caused by the seeds of the sweet pea Lathyrus odoratus. The toxic ingredient of the seeds is described. Pathological and anatomical findings on rats, frogs, mice, guinea pigs, chicken, rabbits, monkeys, horses and camels are reported. The toxic ingredients of the seeds are reviewed in respect to their effect, and its mechanism. The effect of collagen upon the toxic ingredients is discussed. Biosynthesis of collagen is described. "The authors thank Dr. M. Chvapil and Dr. J. Hurych of the Industrial Health and Occupational Diseases Institute in Prague and Dr. M. Adam of the Research Institute of Rheumatic Diseases in Prague for proof-reading the report and for critical remarks to the manuscript." Orig. art. has: 5 figures, 3 graphs, and 8 tables.

Card 1/2

ACCESSION NR: AP5027367

ASSOCIATION: Ustredni vyzkumny ustav potravinarskeho prumyslu, Prague (Central Research Institute of Food Industry); Vyzkumny ustav chorob revmatickych vysunute pracovisko, Piestany (Research Institute for Rheumatic Diseases, Research Station); [Deyl] Laboratory pro patofysiologii latkove premeny, Fysiol. ustav CSAV, Prague (Pathophysiology of Tissue Metabolism Laboratory, Institute of Physiology, CSAV)

SUBMITTED: 24Mar64 ENCL: 00 SUB CODE: LS

NO REF SOV: 000 OTHER: 101 JPRS

Card 2/2

TRNAVSKA, ZDENA CZECHOSLOVAKIA

no academic degree indicated

Research Institute for Rheumatic Diseases (Vyzkumny ustav revmatickych chorob) Piestany; Director: S. SITAJ, docent, MD.

Prague, Vnitrni Lekarstvi, No 11, Nov 62, pp 1216-1221.

"Contribution to the Separation of Free Aminoacids by Electrophoresis After Mikes"

TRNAVSKY, K.; TRNAVSKA, Z.; SKROVINA, B.

Connective tissue lesions of the locomotor system in experimental lathyrism. Bratisl. lek. listy 44 no.2:65-70 31 Jl '64.

1. Vyskumny ustav reumatickych chorob v Piestanoch (veduci doc. MUDr. S. Sitaj) a III oddelenie Laboratoria pre vyskum chirurgickej patofyziologie pri Lek. fak. Univerzity Komenskeho v Bratislave (veduci clen koresp. SAV J. Cervenansky).

TRNAVSKY, K., TRNAVSKA, [illegible].

Effect of anti-rheumatic agents on the metabolism of collagen proteins. Vnitr. lek. 43 no.2:[illegible] F '65

1. Vyskumny ustav reumatickych chorob v Piestanoch (riaditel doc. dr. S. [illegible]).

TRNAVSKY,K.; SKROVINA, B.; TRNAVSKA,Z.

Biochemical and morphological changes in the connective tissue of cartilages and bones during an inflammatory process. Bratisl. lek. listy 45 no.5:300-308 15 Mr '65

1. Vyskumny ustav reumatickych chorob v Piestanoch (veduci: doc. MUDr. S. Sitaj) a Ortopedicka klinika Lekarske fakulty Univerzity Komenskeho v Bratislave (veduci: prof. akademik J.Cervenansky, DrSc.).

TRNAVSKY, K.; TRNAVSKA, Z.; MALINSKY, J.

Effect of methylthiouracil on the formation of connective tissue in experimental granuloma. Bratisl. lek. listy 43 Pt. 1 no.10:602-608 '63.

1. Vyskumny ustav reumatickych chorob, pobocka v Piestanoch, veduci Doc. MUDr. S. Sitaj, a Pracoviste pro elektronovou mikroskopii LFPU v Olomouci, vedouci MUDr. J. Malinsky.
(GRANULOMA) (CONNECTIVE TISSUE) (DNA)
(HEXOSAMINES) (HYDROXYPROLINE) (NITROGEN)
(METHYLTHIOURACIL) (RATS)

TRNAVSKY, K.; TRNAVSKA, Z.; CEBECAUER, L.

Possibilities of influencing structural defects of collagen proteins with anti-rheumatic drugs. Fysiat. vestn. 43 no.4: 214-217 Ag '65.

1. Vyskumny ustav reumatickych chorob v Piestanoch (riaditel doc. dr. S. Sitaj).

L 13208-66

ACC NR: AP6006096 SOURCE CODE: CZ/0053/65/014/004/0318/0318

AUTHOR: Trnavsky, K.; Trnavska, Z.

27

B

ORG: Institute for Research on Rheumatic Diseases, Piestany (Vyzkumny ustav reumatickych chorob)

TITLE: Effect of antirheumatic drugs on biosynthesis and degradation of collagenous proteins [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 318

TOPIC TAGS: pharmacology, drug effect, biologic metabolism, rat, biosynthesis, protein, aliphatic carboxylic acid, hormone, heterocyclic base compound

ABSTRACT: Study of the effect of sodium salicylate, hydrocortisone, chloroquin and phenylbutazone on hydroxyproline and its fractions and on noncollagenous protein (i.e. collagen breakdown) products in cotton pellet granuloma in rats. Sodium salicylate 300 mg /Kg i.p. daily and hydrocortisone 25 mg /Kg i.p. had an effect already with 21 days of treatment; hydrocortisone even with 7 days of treatment; chloroquin 50 mg /Kg i.p. required a longer time; phenylbutazone 75 mg /Kg i.p. had only an insignificant effect in the dose given. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 jrn

Physiology

CZECHOSLOVAKIA

TRNAVSKY, K.; TRNAVSKA, Z.; SKROVINA, B.; CEBECAUER, L.; Research Institute of Rheumatic Diseases (Vyzkumny Ustav Reumatickych Chorob), Piestany.

"An Attempt to Influence the Defect of Collagen Proteins in Experimental Lathyrism by Means of Antirheumatics."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 409

Abstract: Treatment of animals suffering from lathyrism by means of hydrocortisone and sodium salicylate was investigated. The drugs were administered parenterally to rats who received a diet containing 60% Lathyrus odoratus. The drugs reduced the amount of collagenous proteins soluble in 0.14 M NaCl solution and of dialyzed hydroxyproline. Some healing of lathyrism lesions was observed. No references. Submitted at 14 Days of Pharmacology at Smolenice, 15 Feb 66.

1/1

TRNAVSKY, Jaromir

Pneumatic stop valve for high-voltage switchboard cells.
Energetika Cz 14 no.5:233 My '64

1. Elektrarna Hodonin National Enterprise.

TRNAVSKY, Jaromir

Self-starting of 380 v drives in case of short voltage loss.
Energetika Cz 15 no.2:90 F '65.

1. Elektrarna Hodonin National Enterprise, Hodonin.

TRNAVSKY, K.; KOPECKY, S.

Effect of some antiphlogistic drugs on the inflammatory reaction produced by sodium urate. Fysiat. vestn. 43 no.6:351-355 D '65

1. Vyzkumny ustav revmatickych chorob v Piestanech (reditel - doc. dr. S. Sitaj) ; Patologickoanatomicke oddeleni Obvodniho ustavu narodniho zdravi v Trnave (vedouci - dr. F. Tomik).

TRNAVSKY, K., TRNAVSKA, V.

Effect of antirheumatic agents on the metabolism of collagen proteins. Vnitr. lek. 43 no.2:89-97 Ja '65

1. Vyskumny ustav reumatickych chorob v Piestanoch (riaditel doc. dr. S. Fiba).

TRNAVSKY, K.; TRNAVSKA, Z.; CEBECAUER, L.

Possibilities of influencing structural defects of collagen proteins with anti-rheumatic drugs. Fysiat. vestn. 43 no.4: 214-217 Ag '65.

1. Vyskumny ustav reumatickych chorob v Piestanoch (riaditel doc. dr. S. Sitaj).

L 2051-66 EWT(1)/EWA(b)-2 RO
ACCESSION NR: AP5027367 CZ/0053/65/000/001/0014/0032

AUTHOR: Rosmus, J.; Deyl, Z.; Trnavsky, K.; Trnavska, Z.

TITLE: Experimental lathyrism

SOURCE: Ceskoslovenska fysiologie, no. 1, 1965, 14-32

TOPIC TAGS: botany, toxicology, experiment animal, biochemistry

Abstract: Lathyrism is an intoxication caused by the seeds of the sweet pea Lathyrus odoratus. The toxic ingredient of the seeds is described. Pathological and anatomical findings on rats, frogs, mice, guinea pigs, chicken, rabbits, monkeys, horses and camels are reported. The toxic ingredients of the seeds are reviewed in respect to their effect, and its mechanism. The effect of collagen upon the toxic ingredients is discussed. Biosynthesis of collagen is described. "The authors thank Dr. M. Chvapil and Dr. J. Hurych of the Industrial Health and Occupational Diseases Institute in Prague and Dr. M. Adam of the Research Institute of Rheumatic Diseases in Prague for proof-reading the report and for critical remarks to the manuscript." Orig. art. has: 5 figures, 3 graphs, and 8 tables.

Card 1/2

L 2051-66

ACCESSION NR: AP5027367

ASSOCIATION: Ustredni vyzkumny ustav potravinarskeho prumyslu, Prague (Central Research Institute of Food Industry); Vyzkumny ustav chorob revmatickych vysunute pracovisko, Piestany (Research Institute for Rheumatic Diseases, Research Station); [Dey] Laborator pro patofysiologii latkove premeny, Fysiol. ustav CSAV, Prague (Pathophysiology of Tissue Metabolism Laboratory, Institute of Physiology, CSAV)

SUBMITTED: 24Mar64 ENCL: 00 SUB CODE: LS

NO REF SOV: 000 OTHER: 101 JPRS

Card 2/2

ROSMUS, J.; DEYL.Z.; TRNAVSKY,K.; TRNAVSKA, Z.

Experimental lathyrism. Cesk. fysiol. 14 no.1:14-32 Ja '65

1. Ustredni vyzkumny ustav potravinarskeho prumyslu, Praha, a Vyzkumny ustav chorob revmatickych, vysunute pracovisko, Piestany.

TRNAVSKY, K.; CEBECAUER, L.

Biochemical components of connective tissue. Bratisl. lek. listy 45 no.3:168-178 15 F '65.

1. Vyskumny ustav reumatologickych chorob, pobocka v Piestanoch (veduci: doc. MUDr. S. Sitaj).

TRNAVSKY,K.; SKROVINA, B.; TRNAVSKA,Z.

Biochemical and morphological changes in the connective tissue of cartilages and bones during an inflammatory process. Bratisl. lek. listy 45 no.5:300-308 15 Mr '65

1. Vyskumny ustav reumatickych chorob v Piestanoch (veduci: doc. MUDr. S. Sitaj) a Ortopedicka klinika Lekarske fakulty Univerzity Komenskeho v Bratislave (veduci: prof. akademik J.Cervenansky, DrSc.).

TRNAVSKY, K., KLABUSAY, L.

Effect of trichloramine and N,N-bis(2-chloroethyl)-2-naphthylamine on experimental arthritis; first communication.
Vnitr. lek., Brno 1 no.4:248-253 Apr 55.

1. Z I. vnitrni kliniky a far makologickeho ustavu lekarske fakulty v Olomouci, prednosta: prof MUDr P. Lukl, MUDr J. Lenfeld Olomouc, Fierlingerova 10.

(ARTHRITIS,experimental
eff. of 2,2,2, trichlorethylamine HCL & N,N-bis (2-chloroethyl)-2-naphthylamine in rats
(NITROGEN MUSTARDS, effects
N,N-bis(2-trichloroethyl)-2-naphthylamine & 2,2,2, trichlorethylamine on exper. arthritis in rats
(NAPHTALENE,derivatives
N,N-bis(2-chloroethyl)-2-naphthylamine, eff. on exper. arthritis in rats.

CZECHOSLOVAKIA

TRNAVSKY, K; TRNAVSKA, Z; MALINSKY, J., MD.

1. Research Institute of Rheumatic Diseases (Vyskumny ustav reumatickych chorob), Piestan; 2. Laboratory of Electronic Microscopy LFPU (Pracoviste pro elektronovou mikroskopiii LFPU), Olomouc (for Malinsky)

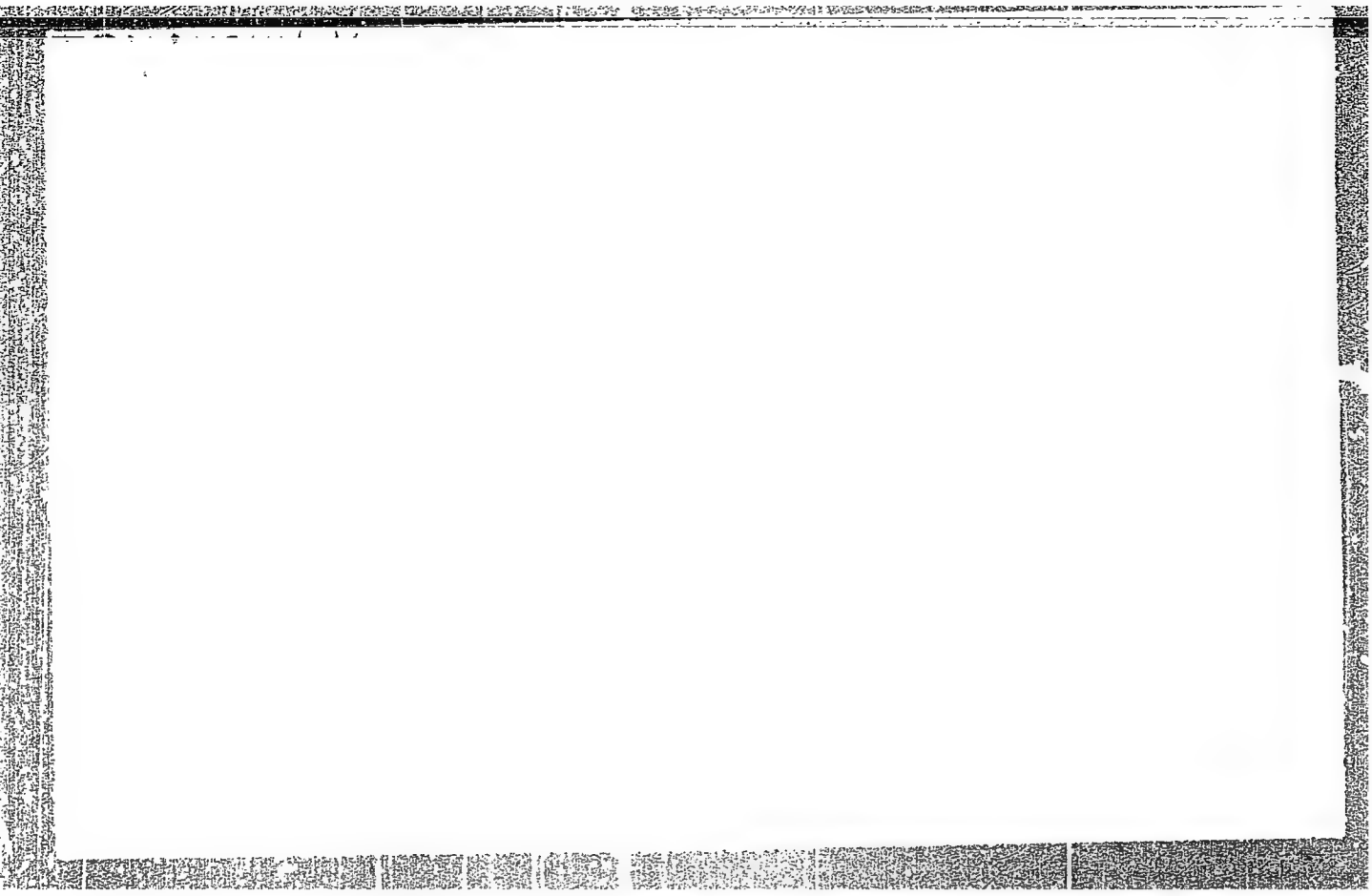
Bratislava, Bratislavske lekarske listy, No 10, 1963, pp 602-606

"The Effect of Thiouracil on the Formation of Connective Tissue in Experimental Granuloma."

Trnavsky, K.

Favorable effect of hyaluronidase on serum therapy of tetanus. P. 64
CESKOSLOVENSKA FYSIOLOGIE. (Ceskoslovenska akademie ved. Fysiologicky ustav) Praha
Vol. 5, no. 1, 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756620011-2"

- TRNAVSKY, K

CZECHOSLOVAKIA/Human and Animal Physiology - General Problems V-1

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8240

Author : Klabusay, L., and Trnavsky, K.

Inst : -

Title : The Role of the Spleen in Humoral Regulation

Orig Pub : Vnitrni lekarstvi, 1956, 2, No 11, 967-971

Abstract : A review of the new clinical and experimental data on the internal secretory activity of the spleen and on the interrelationship between the spleen and certain glands of internal secretion (thyroid, suprarenal and pituitary glands.)
Bibliography: 26 titles.

Card 1/1

MALINSKY, Jiri; BLAHA, Vladimir; TRNAVSKY, Karel

Histochemical demonstration of hydrolytic enzymes in experimental granuloma. Biologia 17 no.10:744-749 '62.

1. Pracovisko elektronovej mikroskopie lekarskej fakulty Univerzity Palackeho v Olomouci, Vyskumny ustav reumatickych chorob v Piestanoch.
(GRANULOMA) (ACID PHOSPHATASE) (ALKALINE PHOSPHATASE)
(ESTERASES) (LIPASE)

TRNAVSKY, K.

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TRNAVSKY, K. CSSR

Research Institute for Rheumatic Diseases (Vyzkumny ustav chorob revmatickych) Prague, Piestany branch, director: docent Dr. S. Sitaj

Praguo, Fysiatricky Vestnik, No 1, 1963, pp 27-31

"The Significance of Cellular Tissue for the Rise of Some Clinical Syndromes"

TRNAVSKY, K.

(2)

CZECHOSLOVAKIA

SITAJ, S; TRNAVSKY, K; REJHOLEC, V.

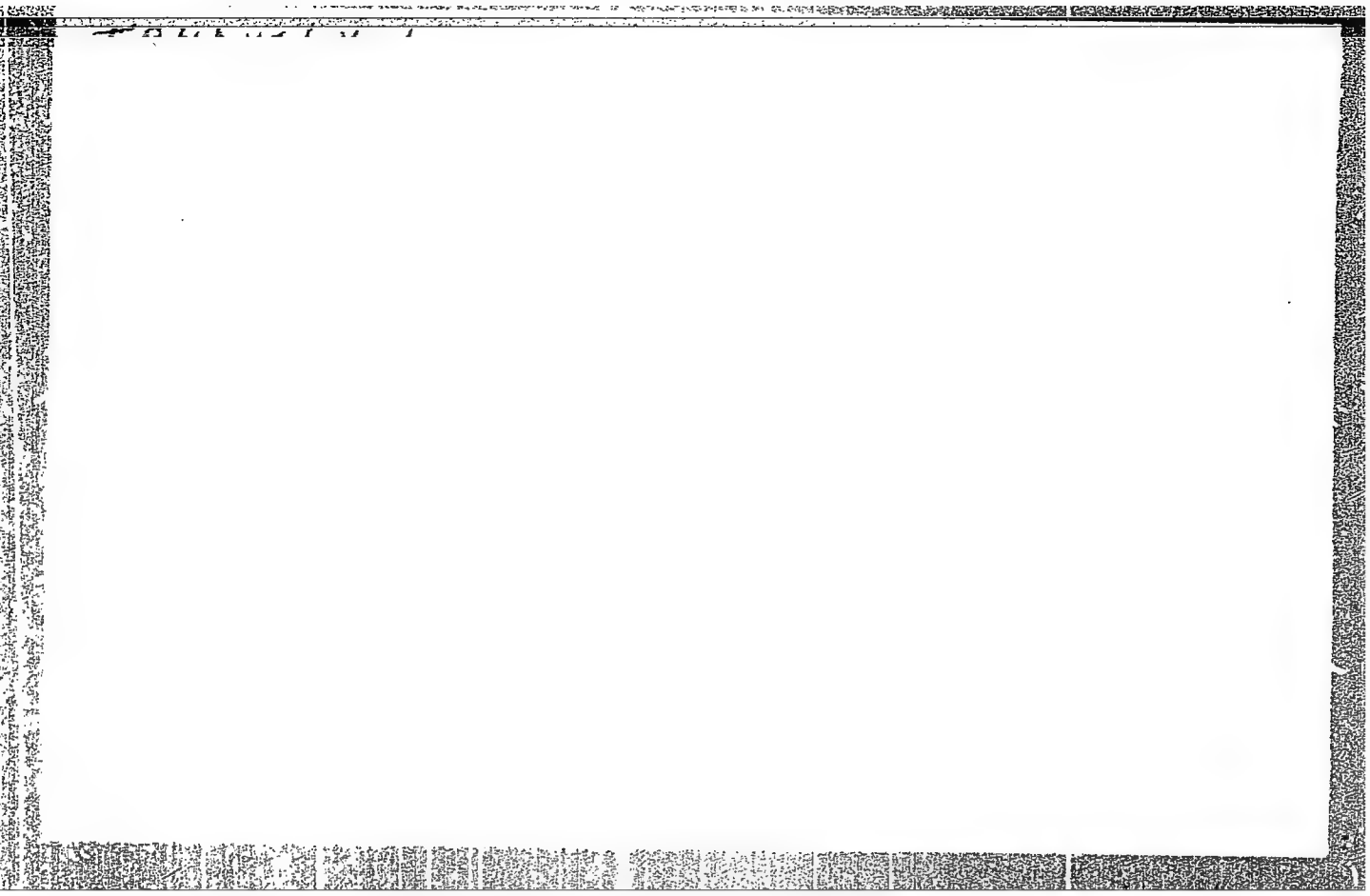
Bratislava, Lekarsky obzor, No 3, 1963, pp 145-151

"Report from the Tenth Congress of the International League Against Rheumatism in Rome."

MALINSKY, Jiri; BLAHA, Vladimir; TRNAVSKY, Karel

Histochemical demonstration of hydrolytic enzymes in experimental granuloma. Biologia 17 no.10:744-749 '62.

1. Pracovisko elektronovej mikroskopie lekarskej fakulty Univerzity Palackeho v Olomouci, Vyskumny ustav reumatickych chorob v Piestanoch.
(GRANULOMA) (ACID PHOSPHATASE) (ALKALINE PHOSPHATASE)
(ESTERASES) (LIPASE)



TRNAVSKY, K

5

Author: Czechoslovakia

Academic Degrees:

Affiliation: Research Institute of Rheumatic Diseases (Vyskumny ustav reumatickych chorob), Piestany. Head: docent S. SIMAJ, MD.

Source: Prague, Vnitrni Lekarstvi, No 4, Apr 61, pp 440-445

Data: "Withdrawal of Steroid Therapy, with the Aid of Antimalarial Drugs."

Co-authors:

HIDAL, C. Research Institute of Rheumatic Diseases, Piestany.

SIMAJ, S., docent, MD. Research Institute of Rheumatic Diseases, Piestany.

TRNAVSKY, K.

Experimental lathyrism (Review). Bratisl. lek. listy 43
Pt. 1 no.6:353-358 '63.

1. Vyzkumny ustav reumatickych chorob, pobocka v Piestanech, vedouci doc. MUDr. S. Sitaj.
(LATHYRISM) (MICE) (RABBITS)
(FROG) (CHICK EMBRYO)

TRHAVSKI, K. CZR

Research Institute for Rheumatic Diseases, Piestany branch (Vyskumny ustav reumatickych chorob, pobocka v Piestanoch), director: docent S. Sitaj, MD

Bratislava, Bratislavske Lekarske Listy, No 6, 1963, pp 353-358

"Experimental Latyrism"

(1)

TRNAVSKY, K.,; KLABUSAY, L.,; KROUTIL, M.

The role of vessels and nerves in antihyaluronidase activity.
Acta med. hung. 7 no.3-4:279-285 1955.

1. Ist department of medicine and the department of pharmacology, Palacky University medical school, Olomouc, Czechoslovakia.
(HYALURONIDASE, antagonists,
eff., role of nerves & blood vessels)
(NERVOUS SYSTEM, physiology,
anti-hyaluronidase action, role in eff. of various hyaluronidase-antag.)
(CARDIOVASCULAR SYSTEM, physiology,
same)

KLABUSAY, L.; VYKYDAL, M.; TRNAVSKY, K.

Mechanism of anti-rheumatic effect of nitrogen mustard.
Vnitr. lek., Brno 1 no.11:845-850 Nov 55.

1. Z farmakologickeho ustavu a I. vnitrni kliniky lek. fak. PU v Olomouci, prednosta: z. st. doc. MUDr. J. Lenfeld, prof. MUDr. P. Lukl. MUDr. L. Kl., Olomouc, Fierlingerova 10.
(NITROGEN MUSTARDS, therapeutic use,)
(NITROGEN MUSTARDS, effects,
on exper. rheum. arthritis.)
(ARTHRITIS, RHEUMATOID, experimental,
eff. of nitrogen mustards.)

LENFELD, J.; KLABUSAY, L.; TRNAVSKY, K.

Favorable effect of serotherapy of tetanus with hyaluronidase.
Cesk. fysiol. 5 no.1:64-69 26 Mar 56.

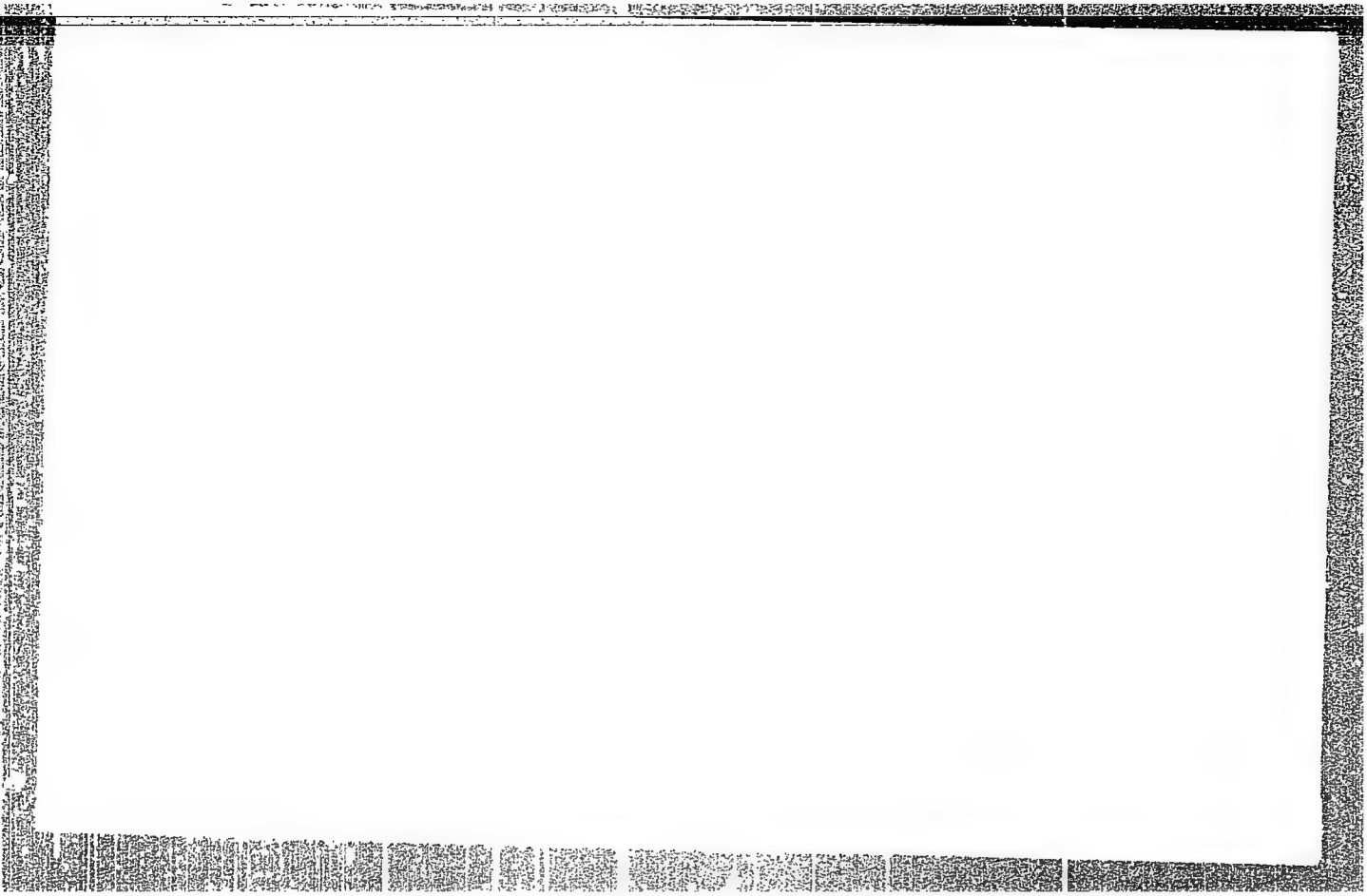
1. Farmakologicky ustav lekarske fakulty PU, Olomouc.
(TETANUS, experimental,
eff. of hyaluronidase in serother. (Cz))
(HYALURONIDASE, effects,
on exper. tetanus, in serother. (Cz))
(SEROTHERAPY, in various diseases,
exper. tetanus, with hyaluronidase (Cz))

RNAV

VYKYDAL, M.;TRNAVSKY, K.

Endocrine tissue therapy in rheumatology. Prakt. lek., Praha 32 no. 17:379-381 5 Sept 1952. (CLML 23:1)

1. Of the Internal Clinic (Head--Prof. J. Blatny, M.D.) of Palacky University in Olomouc.



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756620011-2"

TRNAVSKY, K.

Rheumatology in peoples republic in Poland. Vnitr.lek.,Brno 1 no.8:630-632 Aug '55.

1. Z I.vnitrni kliniky PU--Olomouc, prednosta prof. Dr.P.Lukl Vyzkumny ustav reumatickych chorob Piestany.
(RHEUMATISM,
rheumatology in Poland)

544. THE PROBLEM OF 'CONDITIONING' THE ACTION OF ANTIPHLOGISTIC CORTICOIDS BY THE THYROID GLAND - Trnavský K. Res. Inst. for Rheum. Dis., Piestany (Czechosl.) - EXPERIENTIA (Basel) 1957, 13/8 (328-329) Tables 1

Oral metacortandracin and local hydrocortisone acetate inhibited the formation of cotton pellet granulomas in normal as well as in thyro-parathyroidectomized rats.

CZECHOSLOVAKIA/General Problems of Pathology - Inflammation. U.

Abs Jour : Ref Zhur - Biol. , No 21, 1958, 98062

Author : Trnavsky, K., Sitaj, S., Klabusay, L.
Inst :
Title : The Influence of Lactation on the Course of Experimental Inflammation.

Orig Pub : Vnitrni Lekarstvi, 1958, 4, No 2, 99-103.

Abstract : In rats, after delivery, inflammation was produced by introduction of formaldehyde into the periarthric region. In a chronic course of inflammation, no differentiation was noted between nursing and non-nursing animals. In acute inflammation, the course of the process is easier in nursing, and more severe in artificial termination of lactation. The most severe course of inflammation was observed with introduction of propionate testosterone into the organism. Secretion of 11-oxycorticoids (I) was reduced

Card 1/2

CZECHOSLOVAKIA/General Problems of Pathology - Inflammation. U..

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98062

after delivery; there was no differentiation in excretion between nursing and non-nursing animals. By introduction of testosterone the excretion I was reduced. -From authors' resume.

Card 2/2

- 2 -

4840. TRNAVSKÝ K. and KLABUSAY L. 1. Vnitřní Klin. a Farmakol. Ústavu Lék., Olomouc. *Vliv trichlorethylaminu a beta-naphtyl-di-2 chlorethylaminu na pokusnou arthritidu. I. Sdělení. Effects of trichloroethylamine and 2:2'-dichloro-*N*-(2-naphthyl)diethylamine on experimental arthritis. I. VNITŘ. LÉK. 1955, 1/4 (248-253) Graphs 2 Illus. 5

Both drugs were effective against formaldehyde arthritis in otherwise intact rats, but not in adrenalectomized rats. It is suggested that they may act via direct or indirect release of adrenal glucocorticoids. Rašková - Prague (II, 6*)

TRNAVSKY, K.

KLABUSAY, L.; TRNAVSKY, K.; KROUTIL, M.

Contribution to the mechanism of spreading factor activity.
Scripta med., Brno 27 no.3-4:61-69 1954.

1. Z I. interni kliniky a farmakol. ustavu lek. fak. v Olomouci.
Prednosta: prof. MUDr. P.Lukl, MUDr J.Lenfeld.
(HYALURONIDASE, effects
on spreading, mechanism of action in rabbits)

[redacted], A., [redacted], J., [redacted], L.

"Influence of Colchicine and Its Derivates on the Number of Leucocytes in Rats." p. 1-9. (VESTNIK, 1951, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

TRNAVSKY, K.; TRNAVSKA, Z.; MALINSKY, J.

Effect of methylthiouracil on the formation of connective tissue in experimental granuloma. Bratisl. lek. listy 43 Pt. 1 no.10:602-608 '63.

1. Vyskumny ustav reumatickych chorob, pobocka v Piestanoch, veduci Doc. MUDr. S. Sitaj, a Pracoviste pro elektronovou mikroskopii LFPU v Olomouci, vedouci MUDr. J. Malinsky.

(GRANULOMA) (CONNECTIVE TISSUE) (DNA)
(HEXOSAMINES) (HYDROXYPROLINE) (NITROGEN)
(METHYLTHIOURACIL) (RATS)

TRNAVSKY, K.; TRNAVSKA, Z.; SKROVINA, B.

Connective tissue lesions of the locomotor system in experimental lathyrism. Bratisl. lek. listy 44 no.2:65-70 31 Jl '64.

1. Vyskumny ustav reumatickych chorob v Piestanoch (veduci doc. MUDr. S. Sitaj) a III oddelenie Laboratoria pre vyskum chirurgickej patofyziologie pri lek. fak. Univerzity Komenskeho v Bratislave (veduci clen koresp. SAV J. Cervenansky).

Physiology

CZECHOSLOVAKIA

TRNAVSKY, K.; TRNAVSKA, Z.; SKROVINA, B.; CEBECAUER, L.; Research Institute of Rheumatic Diseases (Vyzkumny Ustav Reumatickych Chorob), Piestany.

"An Attempt to Influence the Defect of Collagen Proteins in Experimental Lathyrism by Means of Antirheumatics."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 409

Abstract: Treatment of animals suffering from lathyrism by means of hydrocortisone and sodium salicylate was investigated. The drugs were administered parenterally to rats who received a diet containing 60% Lathyrus odoratus. The drugs reduced the amount of collagenous proteins soluble in 0.14 M NaCl solution and of dialyzed hydroxyproline. Some healing of lathyrism lesions was observed. No references. Submitted at 14 Days of Pharmacology at Smolenice, 15 Feb 66.

1/1

LANG, B.A.; BOHUNEK, V.; STEIDL,L.; TRNECKA, J.

Glycoproteins in the cerebrospinal fluid and blood serum in degenerative diseases of the CNS and disseminated spinal cord Sclerosis. Cas. lek. cesk. 103 no.27:732-736 26 Je'64

1. Chemicky ustav lekarske fakulty PU [Palackeho university] v Olomouci (prednosta: prof. dr. F.Santavy, DrSc.) a Neurologicka klinika lekarske fakulty PU [Palackeho university] v Olomouci (prednosta: prof. dr.J.Hrbek, DrSc.).

NAVRATIL, J.; TRNECKA, J.

A dangerous complication following resection of the processus styloides prolongatus bilateralis. Cesk. otolar 8 no.2:105-107 Apr 59.

1. ORL klinika Palackeho university v Olomouci, prednosta prof. MUDr. Fr. Ledl a neurologicka klinika Palackeho university v Olomouci, prednosta prof. MUDr. J. Hrbek.

(TEMPORAL BONE, surgery,
styloid process resection, postopl. thrombosis & compl.(Cz))
(CEREBRAL EMBROLISM AND THROMBOSIS, case reports,
postop. after resection of styloid process (Cz))

HARTL, J., MUDr.; TRNECKA, J., MUDr.; KLAUS, E., MUDr.

Subarachnoid hemorrhage in cerebral tumors. Cas. lek. cesk. 95 no.1:19-23 6 Jan 56.

1. Neurologicka klinika PU v Olomouci. Prednosta: prof. MUDr. J. Hrbek, Nadedsatinam prof. MUDr. J. Sebka.
(BRAIN, neoplasms, causing subarachnoid hemorrh.)
(CEREBRAL HEMORRHAGE, subarachnoid, caused by tumor.)

KOLAR, O.; TRNECKA, J.

Subacute sclerotizing leukoencephalitis in combination with Salmonella typhi abdominalis infection. Cas. lek. cesk. 103 no.40:1106-1110 2 O '64.

1. Neurologicka klinika lekarske fakulty Palackeho University v Olomouci (prednosta prof. dr. J. Hrbek, DrSc.).

TRNIAK, P.

Zacali spolocne aby viac dorobili a lepsie zili. (They Started Collective Farming in Order to Produce More and Live Better. illus.) Authors: P. Trniak and J. Dunajovec. Introduction by Ondrej Colan. Bratislava, Pover, polnohosp. a lesneho hosp., 1957. 32 p. Vol.25 of the series Polnoho podarske aktuality (Current problems of agriculture).

Convincing examples from many villages, showing how farmers accepted the idea of collective farming and how they achieved within a short time good results in their collective work.

Bibliograficky katalog, CSR, Slovenske Knihy, Vol. VIII. 1957. No.10. p.316.

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